**2016 Post #6 BIO PAK 240 R Written Test**

**Contestants Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Team Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Prior to using the BioPak 240 Revolution it must be determined that the user is \_\_\_\_\_\_\_\_\_ fit.

physically mentally medically

1. Do not open the cylinder valve in the presence of open flame, \_\_\_\_\_\_ or high radiant heat.

sparks oil low

3. The use of an SCBA will add to the workload and stress of the \_\_\_\_\_\_.

 wearer user person

4. A foreign \_\_\_\_\_ may cause cylinder corrosion.

 body gas object

5. DOT requires carbon fiber wrapped aluminum cylinders be tested by an approved facility on a \_\_-year cycle from the date of manufacture.

 2 10 5

6. The fiber optic cable may only be \_\_\_\_\_\_\_\_\_\_ to the BioPak 240R remote gauge assembly.

 attached connected assembled

7. \_\_\_\_\_\_\_\_\_\_\_ after completion of BioPak use, remove the used CO2 scrubber canisters.

 soon shortly immediately

8. Use only \_\_\_\_\_\_\_\_\_ and disinfectants that are approved by Bio marine.

 cleaners cleansers soaps

9. Remove the oxygen cylinder making sure the seal \_\_\_\_\_\_\_ remains in place and install the regulator cover.

 gasket o-ring washer

10. C.O.P.D. could limit or \_\_\_\_\_\_\_\_\_ the use of the BioPak 240 Revolution.

 prohibit limit prevent

11. The manual(s) are the \_\_\_\_\_\_\_\_ recommended procedures for maintaining the BioPak 240R.

 maximum minimum specific

12. To \_\_\_\_\_\_\_\_ mold growth remove the moisture control foam pads after each use.

 limit prevent prohibit

13. Pre-packing the BioPak 240 R with carbon dioxide scrubbers is only permitted when utilizing \_\_\_\_\_\_\_\_ carbon dioxide scrubber.

 factory refillable Orbsorb

14. Pre-packed carbon dioxide scrubbers may only be stored in the \_\_\_\_\_\_\_\_\_\_ for a maximum period of 1-year.

 containers apparatus boxes

15. Users are not permitted to mix \_\_\_\_\_\_\_\_\_ of the Orbsorb within a BioPak.

 versions containers types

16. The oxygen cylinder must be fully charged to above \_\_\_\_\_ psi to perform a high pressure leak test.

 2600 3000 1500

17. The Cylinder should be \_\_\_\_\_\_\_\_ regularly for signs of damage to the outer wrapping.

 checked inspected tested

18. Never pry an O-ring from its glands with a \_\_\_\_\_\_\_\_\_\_\_. Remove O-rings by hand or with the pick tool provided in the service kit.

 wrench screwdriver pry-bar

19. Cristo-Lube and Dow-111 are the only \_\_\_\_\_\_\_\_\_\_ approved for use in the apparatus.

 lubricants chemicals pastes

20. The Alarm module will require \_\_\_\_\_\_\_\_\_\_\_ if any damage to the housing is discovered.

 servicing attention replacement

**Identification of Parts**

21. Item # 3 of the upper housing assembly drawing

 green knob oxygen knob external oxygen knob

22. Item # 7 of the upper housing drawing

 spacer bar vent spacer vent valve spacer

23. Item #12 of the upper housing drawing

 foam pad vibration pad latch foam pad

24. Item # 18 of the upper housing drawing

 Hold down strap hold down grip carrying handle

**Upper housing assembly**



18

25. Item # 1 of the Pneumatic Assembly

 supply line oxygen supply line bypass feed tube

26. Item # 2 of the Pneumatic Assembly

 bypass line bypass return tube supply line

27. Item # 6 of the Pneumatic Assembly

 bypass valve button bypass valve push button bypass valve

28. Item # 9 of the Pneumatic Assembly

 Oxygen regulator assembly regulator assembly regulator

 

 **Pneumatic Assembly**

29. Item # 3 of the Center Section Lid Assembly

 scrubber holder scrubber brace flow baffle

30. Item #4 of the Center Section Lid Assembly

 Metal screw self-tapping screws stainless screw

 

**Center Section Lid Assembly**

**2016 BIO PAK 240 R Written Test Answers**

1. **medically 17. inspected**
2. **sparks 18. screwdriver**
3. **user 19. lubricants**
4. **Gas 20. replacement**
5. **5**
6. **connected**
7. **immediately**
8. **cleaners**
9. **washer**
10. **prevent**
11. **minimum**
12. **prevent**
13. **Orbsorb**
14. **apparatus**
15. **versions**
16. **1500**

**2016 BIO PAK 240 R Identification of Parts Answers**

**21. external oxygen knob**

**22. vent spacer**

**23. latch foam pad**

**24. carrying handle**

**25. bypass feed tube**

**26. bypass return tube**

**27. bypass valve push button**

**28. oxygen regulator assembly**

**29. flow baffle**

**30. self-tapping screws**